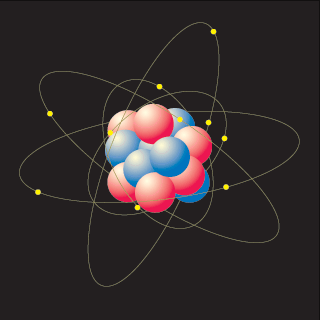
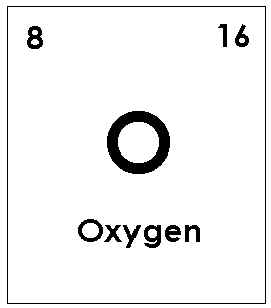
**Atom**

My definition: the smallest part in an element.

Pictorial definition:





Examples:

Book sentence: No two elements contain the same type of atom.

**Colloid:**

**My definition: A mixture that contains particles of different sizes where the particles stop the light from traveling through a substance.**

**Book sentence: Like solutions, colloids do not separate into layers.**

**Examples: Fog, Homogenized milk, Snow**

**Pictoral Definition: see background picture(:**

My Definition- a substance made from two or more elements or other compounds, and can be broken into those other elements or compounds.

Pictorial Definition-

Example- Water: composed of elements hydrogen and oxygen

Book Sentence- A compound always contains two or more elements joined in a fix proportion.

**My Definition**: an object’s ability to let heat or electric charges to flow.

**Example**: If one end of a metal spoon is hot, so is the other end.

**Book** **Sentence**: Materials that have a high conductivity, such as metals, are called conducts.

**Pictoral Definition:**





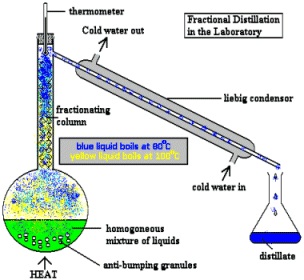
Elizabeth Reinoehl

Bailey Boyer

**Distillation**

**My definition:** A separating process based on substances boiling points.

**Pictoral Definition:**



**Example 1**: Submarines convert sea water into freshwater by heating the water until it changes from a liquid to a gas.

**Example 2:** Distillation is used for many commercial processes, such as production of gasoline, distilled water, xylene, alcohol, paraffin, kerosene, and many other liquids.

**Example 3:** Boiling can separate fresh water from seawater because water has a much lower boiling point than the compounds dissolved in seawater.

**Book Sentence:** How can you separate the parts of a solution when all the particles in a solution are small enough to pass through a filter? Sometimes distillation can work.

**My Definition -** a process that separates materials based on the size of their particles

**Example:**

Using a strainer

**Book Sentence:**

Pictoral Definition: Using a strainer is a type of filtration



**My definition:** A solid’s ability to be hammered down without being shattered.

**Example:** Iron, Gold, and Silver

**Pictoral** **Definition:**

**Book Sentence:** Most Metals are malleable. Gold can be shaped in this way because it is malleable.

**Pure Substance**

**My Definition** – matter where each sample is the same as the next

**Pictoral**  **Example: sugar, salt**

**Definition:**

**Book Sentence:**

****

**Every grain of sugar is as sweet as the next.**

Definition: A mixture that forms when substances dissolve and form a transparent liquid.

Pictoral Definition

 Example: Koolaid

Book Sentence:

A mixture that forms when substances dissolve and form homogenous mixture.

My Definition: A suspension is a varied mixture that settles into different layers over time.

Book Sentence: For example, if you shake up a container of sand and water, the sand mixes with the water and forms a suspension. Over time, the suspended particles of sand settle to the bottom of the container.

Pictoral Definition



Suspended Layers in Salad Dressing.

Example: When two different ingredients in a dressing bottle are mixed together and left to sit out, the different ingredients settle into two or more layers.

Our Definition: The thickness of a liquid, determining how fast it moves.

Book Sentence: The greater the viscosity, the slower the liquid moves.

Examples: When pouring honey out of a jar, it may be difficult because the honey has a high viscosity, or a large thickness. Pouring tar may have a high viscosity because it is thick. Water, would have a low viscosity because it isn’t very thick.

Pictoral Definition:

